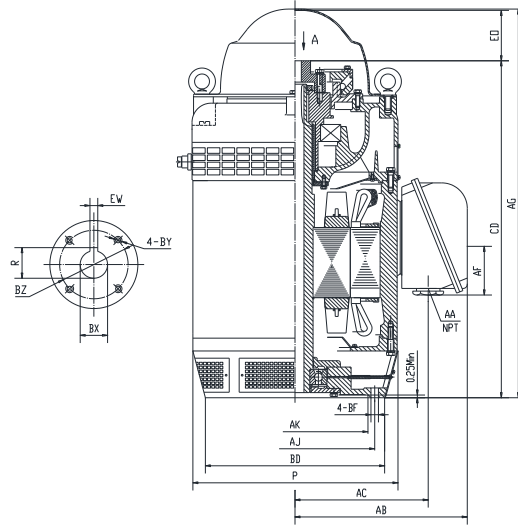




**V2-60D4-W36416B**

VERTICAL HOLLOW SHAFT MOTOR  
 NEMA PREMIUM EFFICIENCY  
 INVERTER DUTY 20:1 VT  
 INCLUDES INSULATED BEARING MOUNT - 40 HP AND ABOVE  
 HIGH THRUST DESIGN  
 THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE  
 NON-REVERSE BALL TYPE RATCHET  
 COUPLING INCLUDED



**DIMENSIONS**

HP	RPM	Frame	MOUNTING DIMENSIONS													
			BD	AJ	AK	BF	BX	BZ	EW	R	BY	CD	E0 >	AC	AA	AF
60	1787	364TP	16.5	14.75	13.5	0.69	1-3/16	1.75	0.25	1.304	1-4/20	31.16	4.56	12.56	3	5.83

OVERALL DIMENSIONS			BEARINGS	
P	AB	AG	UPPER	LOWER
19.1	16.32	36	7224B	6314

**COUPLING:** Motor comes with a 1.188" coupling. You may select a different size coupling at no extra charge.

**BEARING LUBRICATION:** The lower bearing comes lubricated with Mobil Polyrex EM Polyurea Grease.

**OIL RESERVOIR:** Motor is shipped without oil. The oil capacity is 1.94 quarts.

**STEADY BUSHING:** Motor is designed to accept a steady bushing. The bore size is 1-3/16 inches.



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 REWINDING :: CUSTOM CONTROL PANEL**

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**V2-60D4-W36416B**

**VERTICAL HOLLOW SHAFT MOTOR**  
**NEMA PREMIUM EFFICIENCY**  
**INVERTER DUTY 20:1 VT**  
**INCLUDES INSULATED BEARING MOUNT - 40 HP AND ABOVE**  
**HIGH THRUST DESIGN**  
**THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE**  
**NON-REVERSE BALL TYPE RATCHET**  
**COUPLING INCLUDED**



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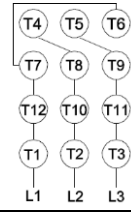






**PERFORMANCE DATA**

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient	Rating CONT
60	1785	364TP	230/460	60	1.15	F	B	0.81	H	WP1	23	40° C	S1

Amps (460V)		Efficiency (%)				Power Factor			Torque (ft-lb)			Down Thrust	Angular Contact Bearing	Radial Ball Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	Min.	100%	75%	50%	FLT	LRT %	BDT %	5600	UPPER	LOWER	12 Lead 2Δ/Δ	1024
68.3	530	95.0	94.8	93.9	94.1	0.87	0.84	0.76	174	230	265		7224B	6314		

**NAME PLATE**

 <p><b>VERTICAL HOLLOW SHAFT HIGH THRUST DESIGN</b></p> 							<p>CONNECTION DIAGRAMS</p>			
MODEL V2-60D4-W36416B				FRAME 364TP			<p><b>230V</b></p> 			
Hz	60	S.F.	1.15	ENCL	WP1	DESIGN	B			
HP	60	RPM	1785	INS	F	PHASE	3			
VOLTS	230/460		FLA	136.6/68.3		MAX.AMBIENT		40° C		
Enclosure	ODP	IP	23	RATING		CONTINUOUS				
NEMA CODE	H	P.F.	0.87	MOTOR WEIGHT		1024 LBS.				
NOM EFF	95.0	MIN EFF	94.1	CONNECTION		12 Lead 2Δ/Δ				
DOWN THRUST	5600			BASE DIAMETER		16.5 INCHES				
UPPER BEARING	7224B			LOWER BEARING		6314				
OIL CAP. BEARING	UPPER 1.94	QTS.		LUBRICATION		MOBIL POLYREX EM				
NON-REVERSE RATCHET - BALL TYPE				SERIAL NO.						
Specifically designed for use on deep well turbine pump applications.		 Hernando, Mississippi		 266562		 E310089		CC326B PART WIND START CAPABLE @ 230V		
<p><b>ROTATION</b></p> 										
<p><b>MOTOR IS SUITABLE FOR INVERTER RATED 20:1 VT</b></p>										

**APPLICATIONS:**

Specifically designed for use on deep well turbine pump applications. The coupling is equipped with a non-reverse ratchet, which prevents motor rotation from backspin at shutdown. These motors are built to NEMA standards and have special bearing arrangements to carry heavy thrust loads.